

ABSTRACT

5 A superconducting device according to the present invention has an oxide superconducting wire. The sintering density of an oxide superconductor in the oxide superconducting wire is at least 93 %, preferably at least 95 %, and more preferably at least 99 %. Thus, a superconducting device capable of suppressing ballooning also upon temperature increase without temperature control can be obtained.